



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/777,199	02/13/2004	Toshihiro Kamo	100021-00142	5775
4372 7590 04/05/2007 ARENT FOX PLLC 1050 CONNECTICUT AVENUE, N.W. SUITE 400 WASHINGTON, DC 20036			EXAMINER LE, JESSICA N	
			ART UNIT 2161	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE 3 MONTHS		MAIL DATE 04/05/2007	DELIVERY MODE PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/777,199	Applicant(s) KAMO, TOSHIHIRO	
	Examiner Jessica N. Le	Art Unit 2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>02/13/2004</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. **Claims 1-7** are presented for examination.

Priority

2. The Applicant's claim for foreign priority JP2003-053747 (filed February 28th, 2003) under 35 U.S.C. 119(a)-(d) has been acknowledged and recorded.

Specification

3. The abstract of the disclosure is objected to because of legal phraseology for example "*comprising*". Appropriated correction is required. See MPEP § 608.01(b).

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Dagelet, JR., US-PG Publication Number 2003/0236755 (hereinafter Dagelet).

Regarding claim 1, Dagelet teaches a POS system including a server and a client (see Fig. 2), comprising:

a first master file formed in a relational data base format and used during an online session between the server and the client (Fig. 2 – wherein Database Server 2 is existing a first master file in RDB format to be used during an online session between the server and the client (e.g., POS Terminal 9) linked through Host Server 1, Web Server 3, Application Server 4; and Para. [0013]: “*A process... the application server temporarily decrypting and converting the request into a correct database format for storage into a database...*”); and

a second master file formed in a text format, having a capacity smaller than the first master file, and used during an offline session between the server and the client (Para. [0051]: “*...the database is replicated and backed up for reference and contingency measures. The replication process is handled by the Database Server 2 then migrated to the Web Server 3 as secondary backup. Thus, if the Host Server 1 fails, the Web Server 3 may be used for the continuance of the system operations.”; and Para. [0102]: “*...the packet formats include the category, brand, model of the product and the type of sales transactions.*”);*

the second master file being down loaded from the server to the client at a time when it is necessary for the client (Fig. 2 – POS Terminal 9 downloaded parameters from controller which is linked to Host Server 1, Database Server 2, Web Server 3, Application Server 4):

the client (e.g., POS Terminal 9) comprising:

a first referring means referring the first master file (Fig. 2 – wherein Database Server 2 is existing a first master file in RDB format to be used during an online session between the server and the client (e.g., POS Terminal 9) linked through Host Server 1, Web Server 3, Application Server 4; and Para.

[0013]: “*A process... the application server temporarily decrypting and converting the request into a correct database format for storage into a database...*”); and

a second referring means referring the second master file (Para. [0051]: “*...the database is replicated and backed up for reference and contingency measures. The replication process is handled by the Database Server 2 then migrated to the Web Server 3 as secondary backup. Thus, if the Host Server 1 fails, the Web Server 3 may be used for the continuance of the system operations.*”); wherein “the database is replicated and backed up” is illustrated as a second master file to be used in the POS system);

the referring means being switched in such a way that, during an online session, the first master file being referred to by the first referring means and during an offline session, the second master file being referred to by the second referring means (Para. [0051]: “*...the database is replicated and backed up for reference and contingency measures. The replication process is handled by the Database Server 2 then migrated to the Web Server 3 as secondary backup. Thus, if the Host Server 1 fails, the Web Server 3 may be used for the continuance of the system operations.*”).

Regarding claim 2, Dagelet teaches the client is a thin client without a hard disk (Fig. 1A-POS Terminals 9; and Paras. [0047], [0077], & [0104]).

Regarding claim 3, Dagelet teaches the time when it is necessary for the client is a time at which the client starts service (Para. [0053]: wherein “*...time of transaction...*” is illustrated as a time at which the client starts service).

Regarding claim 4, Dagelet teaches the capacity of the second master file is reduced by making a plurality of items in the first master file one item in the second master file (Para. [0104]).

Regarding claim 5, Dagelet teaches the capacity of the second master file is reduced by deleting, from the first master file, items which are not used, during the offline session, to form the second master file (Para. [0051]: "...*the database is replicated and backed up for reference and contingency measures. The replication process is handled by the Database Server 2 then migrated to the Web Server 3 as secondary backup. Thus, if the Host Server 1 fails, the Web Server 3 may be used for the continuance of the system operations.*").

Regarding claim 6, Dagelet teaches the client comprises a compact flash memory for storing the second master file (Paras. [0067] & [0111]).

Regarding claim 7, Dagelet teaches the client comprises a flash disk memory for storing the second master file (Paras. [0067] & [0111]).

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jessica N. Le whose telephone number is (571) 270-1009. The examiner can normally be reached on M-F 6:30 am - 3:00 pm.

Art Unit: 2161

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Apu M. Mofiz can be reached on (571) 272-4080. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JNL
AU 2161 KBP

Apu Mofiz
Apu Mofiz
SPE, TC 2100